



PATENT  
Attorney Docket No. P1868USA

#  
8  
4-2-03  
MB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Scalart et al.

Art Unit: 2747

Application No. 09/528,952

Examiner: Unassigned

Filed: March 20, 2000

For: ADAPTIVE IDENTIFICATION METHOD  
AND DEVICE, AND ADAPTIVE ECHO  
CANCELLER IMPLEMENTING SUCH  
METHOD

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents  
Washington, D.C. 20231

Attn: Office of Initial Patent Examination  
Customer Service Center

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FEB 03 2003

Technology Center 2600

Sir:

Applicants hereby request that a corrected filing receipt be issued in the above-identified patent application.

Please add the following data to "Foreign Applications":

--FRANCE 99 03822 03/26/1999--

A copy of the filing receipt with the change noted is attached. Also enclosed are copies of the Patent Application Transmittal with priority claim and the front page of the prior French application as submitted to the U.S. Patent and Trademark Office on March 20, 2000.

Respectfully submitted,

Brian C. Rupp, Reg. No. 35,665  
GARDNER CARTON & DOUGLAS LLC  
191 N. Wacker Drive  
Suite 3700  
Chicago, Illinois 60606-1698  
Telephone: (312) 569-1000  
Facsimile: (312) 569-3000

Date: January 13, 2003

In re Appln. of Duret et al.  
Application No. 09/528,952

CERTIFICATE OF MAILING

I hereby certify that this REQUEST FOR CORRECTED FILING RECEIPT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date: January 13, 2003 J. Mikitich

CH02/22224599.1



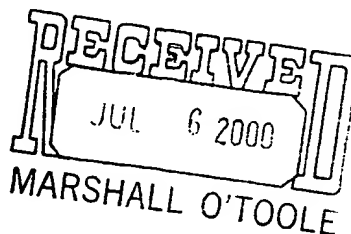
## FILING RECEIPT



\*OC000000005210895\*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: ASSISTANT SECRETARY AND  
COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/528,952	03/20/2000	2747	892	28944/36228	4	24	3

William E McCracken  
Marshall O'toole Gerstein Murray & Borun  
6300 Sears Tower  
230 South Wacker Drive  
Chicago, IL 60606-6402RECEIVED  
FEB 03 2003  
Technology Center 2600

Date Mailed: 06/29/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Pascal Scalart, Ploubezre, FRANCE;  
Franck Bouteille, Lannion, FRANCE;

## Continuing Data as Claimed by Applicant

## Foreign Applications

FRANCE 99 03822 03/26/1999

If Required, Foreign Filing License Granted 05/30/2000

## Title

Adaptive identification method and device, and adaptive echo canceller implementing such method

## Preliminary Class

381

Data entry by : JACKSON, MINNIE

Team : OIPE

Date: 06/29/2000



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "Improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231



## PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: 28944/36228

#### PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

**Box Patent Application**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Pascal SCALART and Franck BOUTEILLE

Title: ADAPTIVE IDENTIFICATION METHOD AND DEVICE,  
AND ADAPTIVE

**1. Type of Application**

- ☒ This is a new application for a  
☒ utility patent.  
☐ design patent.

- ☐ This is a continuation-in-part application of prior application no.

**2. Application Papers Enclosed**

- 1 Title Page  
14 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)  
5 Page(s) of Claims  
1 Page(s) of Abstract  
4 Sheet(s) of Drawings (Figs. 1 to 4)  
☒ Formal  
☐ Informal  
Page(s) of Sequence Listing

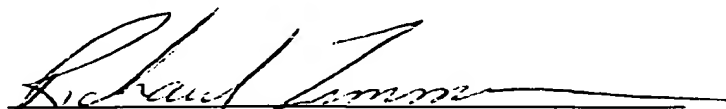
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Technology Center 2600

#### CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **March 20, 2000**, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EM099900135US.

  
RICHARD ZIMMERMANN

**3. Declaration or Oath**

- ☐ Enclosed
  - ☐ Executed by (check all applicable boxes)
    - ☐ Inventor(s)
    - ☐ Legal representative of inventor(s)  
(37 CFR 1.42 or 1.43)
    - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
      - ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

**4. Additional Papers Enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Verified statement(s) claiming small entity status under 37 CFR 1.9 and 1.27
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☒ Return receipt postcard
- ☐ Other

**5. Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

☒ are attached.

☐ will follow.

COUNTRY	APPLICATION NO.	FILED
France	99 03822	March 26, 1999

**6. Filing Fee Calculation (37 CFR 1.16)**

A. ☒ Utility Application

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$345.00		\$690.00
TOTAL	24 -20	= 4	X 9 =	\$	X 18 =	\$72.00
INDEP.	3 - 3	= 0	X 39 =	\$	X 78 =	\$
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 130 =	\$	+ 260 =	\$
Filing Fee:				\$	OR	\$762.00

B. ☐ Design Application (\$155.00/\$310.00) Filing Fee: \$ \_\_\_\_\_

C. ☐ Plant Application (\$240.00/\$480.00) Filing Fee: \$ \_\_\_\_\_

**D. Other Fees**

☐ Recording Assignment [Fee – \$40.00 per assignment] \$ \_\_\_\_\_

☐ Petition fee for filing by other than all the inventors  
or person on behalf of the inventor where inventor refused  
to sign or cannot be reached [Fee – \$130.00] \$ \_\_\_\_\_

☐ Other \$ \_\_\_\_\_

**Total Fees Enclosed \$762.00**

**7. Method of Payment of Fees**

- ☒ Enclosed check in the amount of: \$762.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$ \_\_\_\_\_  
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

**8. Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

Please direct all future communications to William E. McCracken, at the address below.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,  
MURRAY & BORUN  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6402  
(312) 474-6300  
(312) 474-0448 (Telefacsimile)

By:



William E. McCracken  
Reg. No: 30,195

March 20, 2000



20 bis, rue de Saint Pétersbourg  
75800 Paris Cedex 08  
Téléphone : 01 53 04 53 04 Télécopie : 01 42 93 59 30

JAN 21 2003

# REQUÊTE EN DÉLIVRANCE

Confirmation d'un dépôt par télécopie ☐

Cet imprimé est à remplir à l'encre noire en lettres capitales

DATE DE REMISE DES PIÈCES

N° D'ENREGISTREMENT NATIONAL

DÉPARTEMENT DE DÉPÔT

DATE DE DÉPÔT

Reservé à l'INPI

26 Mars 99

99 03822 -

75

26 MARS 1999

1

NOM ET ADRESSE DU DEMANDEUR OU DU MANDATAIRE  
À QUI LA CORRESPONDANCE DOIT ÊTRE ADRESSÉE

CABINET PLASSERAUD  
84, rue d'Amsterdam  
75440 PARIS CEDEX 09

n° du pouvoir permanent références du correspondant

téléphone

BLO/FC-BFF9900M 0144634111

2 DEMANDE Nature du titre de propriété industrielle

☒ brevet d'invention

☐ demande divisionnaire

☐ certificat d'utilité

☐ transformation d'une demande  
de brevet européen

demande initiale

☐ brevet d'invention

☐ certificat d'utilité n°

date

Établissement du rapport de recherche

☐ différé

☒ immédiat

mandeur, personne physique, requiert le paiement échelonné de la redevance

☐ oui

☐ non

Titre de l'invention (200 caractères maximum)

PROCEDE ET DISPOSITIF D'IDENTIFICATION ADAPTATIVE, ET ANNULEUR D'ECHO ADAPTATIS PERTANT  
EN OEUVRE UN TEL PROCEDE

3 DEMANDEUR (S)

n° SIREN

code APE-NAF

Nom et prénoms (souligner le nom patronymique) ou dénomination

FRANCE TELECOM

Forme juridique

Société Anonyme

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FEB 03 2003

Technology Center 2600

Nationalité (s) Française

Adresse (s) complète (s)

6, place d'Alleray  
75015 PARIS

Pays

FRANCE

En cas d'insuffisance de place, poursuivre sur papier libre

4 INVENTEUR (S) Les inventeurs sont les demandeurs

☐ oui

☒ non

Si la réponse est non, fournir une désignation séparée

5 RÉDUCTION DU TAUX DES REDEVANCES

☐ requise pour la 1ère fois

☐ requise antérieurement au dépôt : joindre copie de la décision d'admission

6 DÉCLARATION DE PRIORITÉ OU REQUÊTE DU BÉNÉFICE DE LA DATE DE DÉPÔT D'UNE DEMANDE ANTÉRIEURE

pays d'origine

numéro

date de dépôt

nature de la demande

7 DIVISIONS

antérieures à la présente demande n°

date

n°

date

8 SIGNATURE DU DEMANDEUR OU DU MANDATAIRE

(nom et qualité du signataire)

B. LOISEL, n° 94-0311  
CABINET PLASSERAUD

SIGNATURE DU PRÉPOSÉ À LA RÉCEPTION

SIGNATURE APRÈS ENREGISTREMENT DE LA DEMANDE À L'INPI



BREVET D'INVENTION - CERTIFICAT D'ADDITION  
BLO/FC-BFF990...

DÉSIGNATION DE L'INVENTEUR

(si le demandeur n'est pas l'inventeur ou l'unique inventeur)

DEPARTEMENT DES BREVETS

26bis, rue de Saint-Petersbourg  
75800 Paris Cédex 08  
Tél. : 01 53 04 53 04 - Télécopie : 01 42 93 59 30

N° D'ENREGISTREMENT NATIONAL

2503822

TITRE DE L'INVENTION: PROCÉDE ET DISPOSITIF D'IDENTIFICATION ADAPTATIVE, ET ANNULEUR D'ECHO ADAPTATIF METTANT EN OEUVRE UN TEL PROCÉDE

LA DEMANDERESSE : FRANCE TELECOM

ayant pour mandataire

LE(S) SOUSSIGNÉ(S)

CABINET PLASSERAUD  
84, rue d'Amsterdam  
75440 PARIS CEDEX 09

DÉSIGNE(NT) EN TANT QU'INVENTEUR(S) (indiquer nom, prénoms, adresse et souligner le nom patronymique) :

SCALART, Pascal  
Les Cinq Croix  
22300 PLOUBEZRE  
FRANCE

BOUTEILLE, Franck  
8, rue de Kerniflet  
22300 LANNION  
FRANCE

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FEB 03 2003  
Technology Center 2600

NOTA : A titre exceptionnel, le nom de l'inventeur peut être suivi de celui de la société à laquelle il appartient (société d'appartenance) lorsque celle-ci est différente de la société déposante ou titulaire.

Date et signature (s) du (des) demandeur(s) ou du mandataire

Paris, le 25 mars 1999

B. LOISEL  
n° 94-0311  
CABINET PLASSERAUD



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

# FILE COPY

Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5825

<b>SERIAL NUMBER</b> 09/528,952	<b>FILING DATE</b> 03/20/2000 <b>RULE</b>	<b>CLASS</b> 381	<b>GROUP ART UNIT</b> 2644	<b>ATTORNEY DOCKET NO.</b> 28944/36228	
<b>APPLICANTS</b> Pascal Scalart, Ploubezre, FRANCE; Franck Bouteille, Lannion, FRANCE;					
<b>** CONTINUING DATA *****</b>					
<b>** FOREIGN APPLICATIONS *****</b> FRANCE 99 03822 03/26/1999					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 05/30/2000</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged _____ Examiner's Signature Initials		<b>STATE OR COUNTRY</b> FRANCE	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 24	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> William E McCracken Marshall O'toole Gerstein Murray & Borun 6300 Sears Tower 230 South Wacker Drive Chicago ,IL 60606-6402					
<b>TITLE</b> Adaptive identification method and device, and adaptive echo canceller implementing such method					
<b>FILING FEE RECEIVED</b> 892	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

OIPE JC134  
JAN 21 2003  
PATENT & TRADEMARK OFFICE

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (6-98)  
Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

+

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/528,952
Filing Date	March 20, 2000
First Named Inventor	Pascal SCALART
Group Art Unit	2747
Examiner Name	Unassigned
Attorney Docket Number	P1868USA

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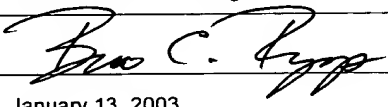
Total Number of Pages in This Submission 12 Technology Center 2600

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <b>Request for Corrected Filing Receipt; Copy of Filing Receipt; Copy of Patent Application Transmittal; Copy of 2 Front Pages of FR 9903822; Certificate of Mailing under 37 CFR 1.8; Post Card</b>
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Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brian C. Rupp, Reg. No. 35,665 Gardner Carton & Douglas LLC
Signature	
Date	January 13, 2003

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date January 13, 2003

Typed or printed name	Irina L. Mikitiouk
Signature	
Date	January 13, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.  
CH02/22224605.1